		Exploring the Ex	ktreme			
2004 Mathematics Performance Standards						
Grade K						
Activity/Lesson	State	Standards				
Finding the Center of Gravity Using Rulers		MA.K.MKP3.b	Communicate their mathematical thinking coherently and clearly to peers, teachers, and others.			
Grandy Gonig Hallord						
Finding the Center of Gravity Using Rulers		MA.K.MKP3.d	Use the language of mathematics to express mathematical ideas precisely.			
		Exploring the Ex	ktreme			
2004 Mathematics						
		Performance Sta	ndards			
Georgia Mathematic	s					
Grade 1						
Activity/Lesson	State	Standards				
Finding the Center of			Organize and consolidate their methematical			
Finding the Center of Gravity Using Rulers		MA.1.M1P3.a	Organize and consolidate their mathematical thinking through communication.			
Gravity Osing Rulers	GA	IVIA. I .IVI IF J.a	Communicate their mathematical thinking			
Finding the Center of			coherently and clearly to peers, teachers,			
Gravity Using Rulers		MA.1.M1P3.b	and others.			
Gravity Comig Haioro		100 41 110 110 010				
Finding the Center of Gravity Using Rulers		MA.1.M1P3.d	Use the language of mathematics to express mathematical ideas precisely.			
Cravity Comig Talloro	O/ C	IVII C.T.IVITT O.G	matiematical racas procisely.			
	l	Exploring the Ex	ktreme			
		2004 Mathema				
		Performance Sta	ndards			
Georgia Mathematic	s					
Grade 2						
Activity/Lesson	State	Standards				
Finding the Center of			Organize and consolidate their mathematical			
Gravity Using Rulers		MA.2.M2P3.a	thinking through communication.			
Cravity Carry Rulers	OA .	IVIA.Z.IVIZI J.a	Communicate their mathematical thinking			
Finding the Center of			coherently and clearly to peers, teachers,			
Gravity Using Rulers		MA.2.M2P3.b	and others.			
Finding the Center of			Use the language of mathematics to express			
Gravity Using Rulers		MA.2.M2P3.d	mathematical ideas precisely.			
		Exploring the Ex				
2004 Mathematics						
Performance Standards						
Georgia Mathematics						
Grade 3	Ctoto	Otor dende				
Activity/Lesson	State	Standards				

Finding the Center of			Organize and consolidate their mathematical
Gravity Using Rulers		MA.3.M3P3.a	thinking through communication.
The state of the s			Communicate their mathematical thinking
Finding the Center of			coherently and clearly to peers, teachers,
Gravity Using Rulers		MA.3.M3P3.b	and others.
3 1 1			
Finding the Center of			Use the language of mathematics to express
Gravity Using Rulers		MA.3.M3P3.d	mathematical ideas precisely.
Finding the Center of			
Gravity Using Plumb			Organize and consolidate their mathematical
Lines	GA	MA.3.M3P3.a	thinking through communication.
Finding the Center of			Communicate their mathematical thinking
Gravity Using Plumb			coherently and clearly to peers, teachers,
Lines	GA	MA.3.M3P3.b	and others.
Finding the Center of			
Gravity Using Plumb			Use the language of mathematics to express
Lines	GA	MA.3.M3P3.d	mathematical ideas precisely.
Changing the Center			
of Gravity Using			Organize and consolidate their mathematical
Moment Arms	GA	MA.3.M3P3.a	thinking through communication.
Changing the Center			Communicate their mathematical thinking
of Gravity Using			coherently and clearly to peers, teachers,
Moment Arms	GA	MA.3.M3P3.b	and others.
Changing the Center			
of Gravity Using			Use the language of mathematics to express
Moment Arms	GA	MA.3.M3P3.d	mathematical ideas precisely.
	E	xploring the Ex	
		2004 Mathema	
		erformance Star	ndards T
Georgia Mathematic	:S		
Grade 4	01-1-	01	
Activity/Lesson	State	Standards	
Finding the Center of			Organiza and consolidate their mathematical
Finding the Center of Gravity Using Rulers		MA.4.M4P3.a	Organize and consolidate their mathematical thinking through communication.
Gravity Osing Rulers	GA	IVIA.4.IVI4F3.a	Communicate their mathematical thinking
Finding the Center of			coherently and clearly to peers, teachers,
Gravity Using Rulers		MA.4.M4P3.b	and others.
Clavity Osing Ruleis	OA .	1VIA.4.1VI41 3.D	and others.
Finding the Center of			Use the language of mathematics to express
Gravity Using Rulers		MA.4.M4P3.d	mathematical ideas precisely.
Finding the Center of		IVII (. 7.IVITI O.U	mationation ideas precisely.
Gravity Using Plumb			Organize and consolidate their mathematical
Lines	GA	MA.4.M4P3.a	thinking through communication.
Finding the Center of			Communicate their mathematical thinking
Gravity Using Plumb			coherently and clearly to peers, teachers,
Lines	GA	MA.4.M4P3.b	and others.
Finding the Center of			
Gravity Using Plumb			Use the language of mathematics to express
Lines	GA	MA.4.M4P3.d	mathematical ideas precisely.
	ı 	1 <i>n</i> 11 0.a	

Changing the Center	• [
of Gravity Using			Organize and consolidate their mathematical
Moment Arms	GA	MA.4.M4P3.a	thinking through communication.
Changing the Center	_		Communicate their mathematical thinking
of Gravity Using			coherently and clearly to peers, teachers,
Moment Arms	GA	MA.4.M4P3.b	and others.
		Exploring the Ex	
		2004 Mathema	
		Performance Sta	ndards
Georgia Mathematic	cs		
Grade 5			
Activity/Lesson	State	Standards	
Jet Propulsion	GA	MA.5.M5P3.b	Communicate their mathematical thinking coherently and clearly to peers, teachers, and others.
Jet F Topulsion	GA	IVIA.J.IVIJF J.D	Communicate their mathematical thinking
			coherently and clearly to peers, teachers,
Vectoring	GA	MA.5.M5P3.b	and others.
Center of Gravity,	GA	IVIA.S.IVISES.D	Explore and model percents using multiple
Pitch, Yaw	GA	MA.5.M5N5.a	representations.
Filch, Taw	GA	IVIA.S.IVISINS.a	representations.
		Exploring the Ex	ytromo
		2004 Mathema	
		Performance Sta	
Georgia Mathemati	ne	Periorillance Sta	liudius
Grade 6			
Activity/Lesson	State	Standards	
Activity/Ec33011	Otate	Otaridards	Relate the data analysis to the context of the
Jet Propulsion	GA	MA.6.M6D1.e	questions posed. Communicate their mathematical thinking coherently and clearly to peers, teachers,
Jet Propulsion	GA	MA.6.M6P3.b	and others.
Vectoring	GA	MA.6.M6D1.e	Relate the data analysis to the context of the questions posed.
			Communicate their mathematical thinking
., .			coherently and clearly to peers, teachers,
Vectoring	GA	MA.6.M6P3.b	and others.
Center of Gravity,			Solve problems involving fractions, decimals,
Pitch, Yaw	GA	MA.6.M6N1.g	and percents.
		Evaloring the Ex	vtromo
		Exploring the Ex	
		Performance Sta	
Georgia Mathematic	re	renormance sta	iiidai d3
Georgia Mathemati			
Activity/Lesson	State	Standards	
Activity/Lesson	State	Standards	Communicate their mathematical thinking
lot Dropulaion	C A	MA 7 M7D0 b	coherently and clearly to peers, teachers, and others.
Jet Propulsion	GA	MA.7.M7P3.b	and others.

			Given a problem, define a variable, write an
			equation, solve the equation, and interpret
Vectoring	GA	MA.7.M7A2.a	the solution.
Voctoring		107 (.7 .1017 (2.0	Communicate their mathematical thinking
			coherently and clearly to peers, teachers,
Vectoring	GA	MA.7.M7P3.b	and others.
Voctoring		100 (17.10171 0.0	Represent, describe, and analyze relations
Fuel Efficiency	GA	MA.7.M7A3.b	from tables, graphs, and formulas.
r der Emeleriey		100, 01, 100, 7, 10, 10	Analyze data using appropriate graphs,
			including pictographs, histograms, bar
			graphs, line graphs, circle graphs, and line
			plots introduced earlier, and using box-and-
Fuel Efficiency	GA	MA.7.M7D1.f	whisker plots and scatter plots.
		Exploring the Ex	rtreme
		2004 Mathema	atics
		Performance Sta	ndards
Georgia Mathematics			
Grade 8			
Activity/Lesson	State	Standards	
			Communicate their mathematical thinking
			coherently and clearly to peers, teachers,
Jet Propulsion	GA	MA.8.M8P3.b	and others.
			Solve equations involving several variables
Jet Propulsion	GA	MA.8.M8A1.d	for one variable in terms of the others.
			Communicate their mathematical thinking
			coherently and clearly to peers, teachers,
Vectoring	GA	MA.8.M8P3.b	and others.
			Represent a given situation using algebraic
Fuel Efficiency	GA	MA.8.M8A1.a	expressions or equations in one variable.